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	AC	4129646	12/12/78	William J. McAleer			
	AD	4138287	02/06/79	Lars-Olov Andersson			
	AE	4162192	07/24/79	Kyosuke Mizuno			
	AF	4237224	12/02/80	Stephen N. Cohen			
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	BF	5580859	12/03/96	Philip L. Felgner			
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	CJ	6130066	10/10/00	James Tartaglia			
	CK	6183750	02/06/01	Enzo Paoletti			
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	CM	6248333	06/19/01	Enzo Paoletti			
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	CT	6596279	06/22/03	Enzo Paoletti			
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	CW	6780407	08/24/04	Enzo Paoletti			

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							YES	NO
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	CY	624863	06/25/92	Australia				
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	DA	0052002	05/19/82	Europe				
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	DD	0227414	07/01/87	Europe				
	DE	0261940	03/30/88	Europe				
	DF	0262043	03/30/88	Europe				
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	DP	86/05806	10/09/86	WIPO				
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	GZ		Buller et al., (1988) Deletion of the Vaccinia Virus Growth Factor Gene Reduces Virus Virulence. J. Virol., vol. 62, pp. 866-874.
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	HE		Bzik et al., (1988) Amino acid sequence of the serine-repeat antigen (SERA) of *Plasmodium falciparum* determined from cloned cDNA. J. Molec. Biochem. Parasitol., vol. 30, pp. 279-288.
	HF		Bzik, D. J. et al. 1984. Nucleotide Sequence Specifying the Glycoprotein Gene, gB, of Herpes Simplex Virus Type 1. Virology, vol. 133, pp. 301-314.
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	HI		Cai, W., B. Gu, and S. Person, Role of Glycoprotein B of Herpes Simplex Virus Type 1 in Viral Entry and Cell Fusion. J. Virol. 62, 2596-2604 (1988).
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	HK		Calnek, B.W., K.A. Schat, E.D. Heller, and C. Buscaglia, In Vitro Infection of T-Lymphoblasts with Marek's Disease Virus. In Proc Int Symp Marek's Dis, ed. B.W. Calnek and J.L. Spencer (Am. Assoc. Avian Pathol, Kennett Square, PA) pp. 173-187 (1985).
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	HT		Chakrabarti et al., (1985) Vaccinia Virus Expression Vector Coexpression of β-Galactosidase Provides Visual Screening of Recombinant Virus Plaques. Mol. Cell. Biol., vol. 5, pp. 3403-3409.
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	HX		Chambers et al., (1990) Flavivirus Genome Organization, Expression, and Replication. Ann. Rev. Microbiol., vol. 44, pp. 649-688.
	HY		Chan, (1983) Protective immunization of mice with specific HSV-1 glycoproteins. Immunol., vol. 49, pp. 343-352.

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	ID		Charles et al., (1991) Synthesis of Tetanus Toxin Fragment C in Insect Cells by Use of a Baculovirus Expression System. Infect. Immun., vol. 59, pp. 1627-1632.
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	IF		Chen et al., (1971) Parainfluenza Virus Surface Projections: Glycoproteins with Haemagglutinin and Neuraminidase Activities. J. Gen. Virol., vol. 11, pp. 53-58.
	IG		Chen et al., (1992) Costimulation of Antitumor Immunity by the B7 Counterreceptor for the T Lymphocyte Molecules CD28 and CTLA-4. Cell, vol. 71, pp. 1093-1102.
	IH		Cheng et al., (1986) Hepatitis B Virus Large Surface Protein Is Not Secreted but Is Immunogenic when Selectively Expressed by Recombinant Vaccinia Virus. J. Virol., vol. 60, pp. 337-344.
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	IM		Choi et al. (1991) Expression of Human Immunodeficiency Virus Type 1 (HIV-1) *gag*, *pol*, and *env* Proteins from Chimeric HIV-1-Poliovirus Minireplicons. J. Virol. 65, 2875-2883.
	IN		Choppin, P. W., C. D. Richardson, D. C. Merz, W. W. Hall, and A. Scheid, The Functions and Inhibition of the Membrane Glycoproteins of Paramyxoviruses and Myxoviruses and the Role of the Measles Virus M Protein in Subacute Sclerosing Panencephalitis. J. Infect. Dis. 143, 352-363 (1981).
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	IP		Clark D. H., and Casals J. Techniques for Hemagglutination and Hemagglutination-Inhibition with Arthropod-Borne Viruses. Am., J. Trop. Med. Hyg. 7, 561-573 (1958).
	IQ		Clark et al., (1991) Efficacy and safety field trials of a recombinant DNA vaccine against feline leukemia virus infection. JAVMA, vol. 199, pp. 1433-1442.
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	IZ		Cooney E. L., Corrier A. C., Greenberg P. D., et al., Safety of and immunological response to a recombinant vaccinia virus vaccine expressing HIV envelope glycoprotein. Lancet 337, 567-572 (1991).
	JA		Coulie et al., (1993) Genes Coding for Antigens Recognized on Human Tumors by Autologous Cytolytic T Lymphocytes. In: Specific Immunotherapy of Cancer with Vaccines, eds. Bystryn et al., pp. 113-119.
	JB		Cox et al., (1977) Rabies Virus Glycoprotein II. Biological and Serological Characterization. Infect. Immun., vol. 16, pp. 754-759.
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	JE		Dantas et al., (1986) Characterization of Glycoproteins of Viruses Causing Hemorrhagic Fever with Renal Syndrome (HFRS) Using Monoclonal Antibodies. Virology, vol. 151, pp. 379-384.
	JF		Database Derwent Biotechnology Abstracts, DBA Accession no. 89-03297, patent WO 880817, abstract only (Dec. 15, 1988).
	JG		Davidoff et al., (1991) Maintenance of p53 Alterations throughout Breast Cancer Progression. Cancer Res., vol. 51, pp. 2605-2610.
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	JJ		Davies et al., (1989) Complementation of adenovirus virus-associated RNA I gene deletion by expression of a mutant eukaryotic translation initiation factor. Proc. Natl. Acad. Sci., vol. 86, pp. 9163-9167.
	JK		Davies et al., (1992) The Vaccinia Virus K3L Gene Product Potentiates Translation by Inhibiting Double-Stranded-RNA-Activated Protein Kinase and Phosphorylation of the Alpha Subunit of Eukaryotic Initiation Factor 2. J. Virology, vol. 66, pp. 1943-1950.
	JL		Delpeyroux et al., (1988) Presentation and Immunogenicity of the Hepatitis B Surface Antigen and a Poliovirus Neutralization Antigen on Mixed Empty Envelope Particles. J. Virol., vol. 62, pp. 1836-1839.
	JM		DeLuca, N. et al. 1982. Nucleotide Sequences of Herpes Simplex Virus Type 1 (HSV-1) Affecting Virus Entry, Cell Fusion, and Production of Glycoprotein gB (VP7). Virology, vol. 122, pp. 422-423.
	JN		DeNoronaha, F., Schafer, W., and Essex, M., Influence of Antisera To Oncornavirus Glycoprotein (gp71) on Infections of Cats with Feline Leukemia Virus. Virology 85, 617-621 (1978).
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	JX		Edbauer et al., (1990) Protection of chickens with a Recombinant Fowlpox Virus Expressing the Newcastle Disease Virus Hemagglutinin-Neuraminidase Gene. Virology, vol. 179, pp. 901-904.

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	KA		Elder et al., (1987) Localization of Neutralizing Regions of the Envelope Gene of Feline Leukemia Virus by Using Anti-Synthetic Peptide Antibodies. J. Virol., vol. 61, pp. 8-15.
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	KC		Engelke et al., (1988) Direct sequencing of enzymatically amplified human genomic DNA. Proc. Natl. Acad. Sci., vol. 85, pp. 544-548.
	KD		Ensinger et al., "Marker Rescue of Temperature-Sensitive Mutations of Vaccinia Virus WR: Correlation of Genetic and Physical Maps", J. Virol. 48(2); 1983, 419-428.
	KE		Esposito, J. J. and F. A. Murphy (1989) Infectious recombinant vectored virus vaccines, In: Vaccine Biotechnology 33, (ed. Bittle, J. L. and F. A. Murphy), Academic Press, p. 235.
	KF		Fenner (1958) The Biological Characters of Several Strains of Vaccinia, Cowpox and Rabbitpox Viruses. Virology 5, 502-529.
	KG		Fenner (1959) Genetic Studies with Mammalian Poxviruses II. Recombination between Two Strains of Vaccinia Virus Single HeLa Cells. Virology 8, 499-507.
	KH		Fenner, et al., (1987), "Poxviridae," In: Veterinary Virology, Chapter 21, Academic Press, pp. 403-404.
	KI		Geigenmuller-Gnirke et al., (1991) Complementation between Sindbis viral RNAs produces infectious particles with a bipartite genome. Proc. Natl. Acad. Sci., vol. 88, pp. 3253-3257.
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	LB		Kingsbury et al., (1978) Paramyxoviridae. Intervivrology, vol. 10, pp. 137-152.
	LC		Kingsbury et al., (1990) Orthomyxoviridae and their Replication. In: Virology, 2.sup.nd Edition, eds. Fields et al., pp. 1075-1089.
	LD		Kitson et al. (1991) Chimeric Polioviruses That Include Sequences Derived from Two Independent Antigenic Sites of Foot-and-Mouth Disease Virus (FMDV) Induce Neutralizing Antibodies against FMDV in Guinea Pigs. J. Virol. 65, 3068-3075.
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	LG		Klickstein et al., (1987) Preparation of insert DNA from Messanger RNA, Current, Protocols in Molecular Biology, eds. Ausubel et al., pp. 5.5.1-5.5.10.
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	LO		Kotwal and Moss, (1989b) Vaccinia Virus Encodes Two Proteins That Are Structurally Related to Members of the Plasma Serine Protease Inhibitor Superfamily. J. Virol., vol. 63, pp. 600-606.
	LP		Kotwal et al., (1989a) Mapping and Insertional Mutagenesis of a Vaccinia Virus Gene Encoding a 13,800-Da Secreted Protein. Virology, vol. 171, pp. 579-587.
	LQ		Kotwal et al., (1990) Inhibition of the Complement Cascade by the Major Secretory Protein of Vaccinia Virus. Science, vol. 250, pp. 827-830.
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	LS		Kriegler et al., (1988) A Novel Form of TNF/Cachectin is a Cell Surface Cytotoxic Transmembrane Protein: Ramifications for the Complex Physiology of TNF. Cell, vol. 53, pp. 45-53.
	LT		Kunkel et al., (1987) [19] Rapid and Efficient Site-Specific Mutagenesis without Phenotypic Selection. Method in Enzym., vol. 154, pp. 367-382.
	LU		Kunkel, (1985) Rapid and efficient site-specific mutagenesis without phenotypic selection (M13 cloning vectors/silent mutations/*in vitro* mutagenesis/synthetic oligonucleotides/uracil-containing DNA). Proc. Natl. Acad. Sci., vol. 82, pp. 488-492.

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	LW		Kuroda et al., (1986) Expression of the influenza virus haemagglutinin in insect cells by a baculovirus vector. EMBO, vol. 5, pp. 1359-1365.
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	LY		Laemmli, (1970) Cleavage of Structural Proteins during the Assembly of the Head of Bacteriophage T4. Nature, vol. 227, pp. 680-685.
	LZ		Lai and Pogo, (1989) Characterization of vaccinia virus deletion mutants isolated from persistently infected Friend erythroleukemia cells. Virus Res., vol. 12, pp. 239-250.
	MA		Lai et al., "Attenuated Deletion Mutants of Vaccinia Virus Lacking the Vaccinia Growth Factor are Defective in Replication in vivo," Microbial Pathogenesis, vol. 6, No. 3, pp. 219-226 (1989).
	MB		Lake and Cooper, (1980) Deletions of the Terminal Sequences in the Genomes of the White Pock (u) and Host-restricted (p) Mutants of Rabbitpox Virus. J. Gen. Virol., vol. 48, pp. 135-147.
	MC		Lamb and Crawford, (1986) Characterization of the Human p53 Gene. Mol. Cell. Biol., vol. 6, pp. 1379-1385.
	MD		Lane et al., (1969) Complications of Smallpox Vaccination, 1968, National Surveillance in the United States. New Eng. J. Med., vol. 281, pp. 1201-1208.
	ME		Laprevotte et al., (1984) Nucleotide Sequence of the *gag* Gene and *gag-pol* Junction of Feline Leukemia Virus. J. Virol., vol. 50, pp. 884-894.
	MF		Lathe et al., (1987) Tumour prevention and rejection with recombinant vaccinia. Nature, vol. 326, pp. 878-880.
	MG		Le et al., (1988) Fusion (F) Protein Gene of Newcastle Disease Virus: Sequence and Hydrophobicity Comparative Analysis between Virulent and Avirulent Strains. Virus Genes, vol. 1, pp. 333-350.
	MH		Lecocq, J. P., M. P. Kieny, Y. Lemoine, R. Drillien, T. Wiktor, H. Koprowski and R. Lathe, New Rabies Vaccines: Recombinant DNA Approaches. In World's Debt to Pasteur, eds. Koprowski, H. and Plotkin, S. A., (Alan R. Liss, New York), 259-271 (1985).
	MI		Levis et al., (1990) Promoter for Sindbis Virus RNA-Dependent Subgenomic RNA Transcription. J. Virol., vol. 64, pp. 1726-1733.
	MJ		Li et al., (1989) Structure and expression of the *Plasmodium ralciparum* SERA gene. J. Molec. Biochem. Parasitol, vol. 33, pp. 13-26.
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	ML		Lipman, D.J., and Pearson, W.R., "Rapid and Sensitive Protein Similarity Searches," Science 227, 1435-1441 (1985).
	MM		Liu, Y-N. C., A. Klaus, B. Kari, M. F. Stinski, J. Exhkardt, and R. C. Gehrz, "The N-Terminal 513 Amino Acids of the Envelope Glycoprotein gB of Human Cytomegalovirus Stimulates both B- and T-Cell Immune Responses in Humans," J. Virol. 65, 1644-1648 (1991).
	MN		Lopez et al., (1992) "GM-CSF, IL-3 and IL-5: cross-competition on human haemopoietic cells." Immunology Today, vol. 13, pp. 495-500.
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	MQ		Macfarlan et al., (1986) "Stimulation of Cytotoxic T-Lymphocyte Responses by Rabies Virus Glycoprotein and Identification of an Immunodominant Domain." J. Mol. Immunol., vol. 23, pp. 733-741.
	MR		Mackett et al, "Vaccinia virus: A selectable eukaryotic cloning and expression vector," Proc Natl Acad Sci USA vol. 79 pp. 7415-7419 (1982).
	MS		Mackett, M. and J. R. Arrand, "Recombinant vaccinia virus induces neutralizing antibodies in rabbits against Epstrin-Barr virus membrane antigen gp340," EMBO J. 4, 3229-3235 (1985).
	MT		Makoff et al., (1989) "Expression of Tetanus Toxin Fragment C in E.Coli: Its Purification and Potential Use As a Vaccine." N.F. Bio/Technology, vol. 7, pp. 1043-1046.

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	MV		Marsden et al., (1978) "Physical Mapping of Herpes Simplex Virus-Induced Polypeptides." J. Virol., vol. 28, pp. 624-642.
	MW		Marshall et al., (1992) "Antibodies to Recombinant-Derived Glycoprotein B after Natural Human Cytomegalovirus Infection Correlate with Neutralizing Activity." J. Infect. Dis., vol. 165, pp. 381-384.
	MX		Mason et al., (1987b) "Japanese Encephalitis Virus- Vaccinia Recombinants Produce Particulate Forms of the Structural Membrane Proteins and Induce High Levels of Protection against Lethal JEV Infection." Virol., vol. 180, pp. 294-305.
	MY		Mason, P. W., McAda, P. C., Mason, T. L., and Fournier, M. J., "Sequence of the Dengue-1 Virus Genome in the Region Encoding the Three Structural Proteins and the Major Nonstructural Proteins NS1," Virol. 161, 262-267 (1987B).
	MZ		Massung et al, "The Molecular Biology of Swinepox Virus," Virology 180:355-364, 1991.
	NA		Mathes et al., (1978) "Abrogation of lymphocyte blastogenesis by a feline leukaemia virus protein." Nature, vol. 274, pp. 687-691.
	NB		Matthews, (1982b) "Classification and Nomenclature of Viruses." Intervirology, vol. 17, pp. 42-44.
	NC		Mayr et al., (1975) "Abstammung, Eigenschaften und Verwendung des attenuierten Vaccinia-Stammes MVA." Infection, vol. 3, pp. 6-14.
	ND		Mazzara et al., (1987) "Successful Vaccination of Dogs with Empty Capsids Derived from Canine Parvovirus-Bovine Papillomavirus Chimeric Plasmids." Vaccines, vol. 87, pp. 419-424.
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	NK		Meignier et al., (1987) "Immunization of Experimental Animals with Reconstituted Glycoprotein Mixtures of Herpers Simplex Virus 1 and 2: Protection Against Challenge with Virulent Virus." J. Infect. Dis., vol. 155, pp. 921-930.
	NL		Melnick, "Polioviruses, Coxackieviruses, Echoviruses, and Newer Enteroviruses," Virology, Second Edition ed. B. N. Fields, (Raven Press, N.Y.), Chapter 21, 549-605, (1990).
	NM		Merz et al., (1980) "Importance of Antibodies to the Fusion Glycoprotein of Paramyxoviruses in the Prevention of Spread of Infection." J. Expr. Med., vol. 151, pp. 275-288.
	NN		Messing, (1983) "New M13 Vectors for Cloning." vol. 1, eds. Wu, Grossman, and Moldave, (Academic Press NY) pp. 20-78.
	NO		Mettenleiter et al., (1986) "Location of the Structural Gene of Pseudorabies Virus Glycoprotein Complex gll." Virology, vol. 152, pp. 66-75.
	NP		Mettenleiter, T. C., N. Lukacs, and H.-J. Rziha, "Mapping of the Structural Gene of Pseudorabies Virus Glycoprotein A and Identification of Two Non-Glycosylated Precursor Polpeptides," J. Virol. 53, 52-57 (1985).
	NQ		Meulemans et al., (1988) "Newcastle Disease Virus F Glycoprotein Expressed from a Recombinant Vaccinia Virus Vector Protects Chickens Against Live-Virus Challenge." Avian Patol., vol. 17, pp. 821-827.
	NR		Michel et al., (1988) "HIV-specific T lymphocyte immunity in mice immunized with a recombinant vaccinia virus." Eur. J. Immunology, vol. 18, pp. 1917-1924.
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	OA		Nakano et al. (1982) "Molecular genetics of vaccinia virus: Demostration of marker rescue." Proc. Natl. Acad. Sci. USA 79, 1593-1596.
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	OD		Neurath et al., (1984) "Location and Chemical Synthesis of a Pre-S Gene Coded Immunodominant Epitope of Hepatitis B Virus." Science, vol. 224, pp. 392-395.
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	OL		Norrby et al., (1982) "Five Measles Virus Antigens Demonstrated by Use of Mouse Hydridoma Antibodies in Productively Infected Tissue Culture Cells." Archives of Virology, vol. 71, pp. 1-11.
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	OT		Osterhaus et al., (1989) "Serological responses in cats vaccinated with FeLV ISCOM and an inactivated FeLV vaccine." Vaccine, vol. 7, pp. 137-140.

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	OV		Oya A., "The Role of Mammals as Primary and Supplementary Hosts," Jpn. J. Med. Sci. Biol., Suppl. 20, 26-30 (1967).
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	OX		Paez, E., S. Dallo and M. Esteban, "Generation of a dominant 8-MDa deletion at the left terminus of vaccinia virus DNA," Proc. Natl. Acad. Sci. USA 82, 3365-3369 (1985).
	OY		Palumbo, G. J., D. J. Pickup, T. N. Fredrickson, L. J. McIntyre and R. M. L. Buller, "inhibition of an Inflammatory Response Is Medicated by a 38-kDa Protein of Cowpox Virus," Virology 172, 262-273 (1989).
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	PA		Panicali et al. (1981) "Two Major DNA Variants Present in Serially Propagated Stocks of the WR Strain of Vaccinia Virus." J. Virol. 37, 1000-1010.
	PB		Panicali et al. (1982) "Construction of poxviruses as cloning vectors: Insertion of the thymidine kinase gene from herpes simplex virus into the DNA of infectious vaccinia virus." Proc. Natl. Acad. Sci. USA 79, 4927-4931.
	PC		Panicali et al. (1983) "Construction of live vaccines by using genetically engineered poxviruses: Biological activity of recombinant vaccinia virus expressing influenza virus hemagglutinin." Proc. Natl. Acad. Sci. 80, 5364-5368.
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	PF		Parrish, C. R., Aquadro, C. F., Strassheim, M. L., Evermann, J. F., Sgro, J-Y., and Mohammed, H. O., "Rapid Antigenic-Type Replacement and DNA Sequence Evolution of Canine Parvovirus," J. Virology 65, 6544-6552.
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	PI		Patel et al., (1988) Poxvirus-derived vector that high levels of expression of cloned genes in mammalian cells." Proc. Natl. Acad. Sci., vol. 85, pp. 9431-9435.
	PJ		Pathak et al., (1988) Mol. Cell. Biol., vol. 8, pp. 993-995.
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	PN		Pedersen, N. C., and Johnson, L., "Comparative efficacy of three commercial feline leukemia virus vaccines against methylprednisolone acetate-augmented oronasal challenge exposure with virulent virus," JAVMA 199, 1453-1455 (1991).
	PO		Pennica et al., (1991) The Amino Acid Sequence of Murine p53 Determined from a c-DNA Clone. Virology, vol. 134, pp. 477-482.
	PP		Perkus et al (1985) Recombinant Vaccinia Virus: Immunization Against Multiple Pathogens. Science 229, 981-984.
	PQ		Perkus et al. (1986) Insertion and Deletion Mutants of Vaccinia Virus. Virology vol. 152 pp. 285-297.
	PR		Perkus et al. (1991) Deletion of 55 Open Reading Frames from the Termini of Vaccinia Virus. Virology vol. 180 pp. 406-410.
	PS		Perkus et al., (1990) Vaccinia Virus Host Range Genes. Virology, vol. 179, pp. 276-286.
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	PV		Petrovskis, E.A., J.G. Timirs, M.A. Amentrout, C.C. Marchioli, R.J. Trancey, Jr., and L.E. Post, "DNA Sequence of the Gene for Pseudorbies," J. Virol. 59, 216-223 (1986).
	PW		Piccini et al., "Vaccinia Virus as an Expression Vector," Methods in Enzymology vol. 153 pp. 545-563, (1987).
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	PY		Pickup, D. J., B. S. Ink, B. L. Parsons, W. Hu and W. K. Joklik, "Spontaneous deletions and duplications of sequences in the genome Cowpox virus," Proc. Natl. Acad. Sci. USA 81, 6817-6821 (1984).
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	QA		Plotkin et al., (1989b) Protective Effects of Towne Cytomegalovirus Vaccine Against Low-Passage Cytomegalovirus Administered as a Challenge. J. Inf. Dis., vol. 159, pp. 860-865.
	QB		Pontisso et al., (1989) Human Liver Plasma Membranes Contain Receptors for the Hepatitis B Virus Pre-S1 Region and, via Polymerized Human Serum Albumin, for the Pre-S2 Region. J. Virol., vol. 63, pp. 1981-1988.
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	QD		Pouwels, P.H., et al., "Vectors for animal cells: General purpose cloning vectors," Cloning Vectors (1985), p. VIII-A-A-i-9.
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	QH		Prevec et al., (1990) Recombinant Human Adenovirus Vaccine against Rabies. J. Infect. Dis., vol. 161, pp. 27-30.
	QI		Ramshaw, I.A., J. Ruby and A. Ramsay, "Cytokine expression by recombinant viruses – a new vaccine strategy," Tibtech 10, 424-426 (1992).
	QJ		Rasmussen et al., (1988) Characterization of Two Different Human Cytomegalovirus Glycoproteins Which are Targets for Virus Neutralizing Antibody. Virology, vol. 163, pp. 308-318.
	QK		Ratner et al., (1985) Complete nucleotide sequence of the AIDS virus, HTLV-III. Nature, vol. 313, pp. 277-284.
	QL		Rautman et al., (1989) HIV-1 Core Proteins Expressed from Recombinant Vaccinia Viruses. Aids Research and Human Retroviruses, vol. 5, pp. 147-157.
	QM		Rea et al., (1985) Mapping and Sequence of the Gene for the Pseudorabies Virus Glycoprotein Which Accumlates in the Medium of Infected Cells. J. Virol., vol. 54, pp. 21-29.
	QN		Reed and Muench, (1938) A Simple Method of Estimating Fifty Per Cent Endpoints. Am. J. Hyg., vol. 27, pp. 493-497.
	QO		Rice and Kerr, (1984) Interferon-Mediated, Double-Stranded RNA-Dependent Protein Kinase Is Inhibited in Extacts from Vaccinia Virus-Infected Cells. J. Virol., vol. 50, pp. 209-228.
	QP		Rice et al., (1985) Nucleotide Sequence of Yellow Fever Virus: Implications for Flavivirus Gene Expression and Evolution. Science, vol. 229, pp. 726-733.
	QQ		Rice et al., (1986) "Structure of the Flavivirus Genome," In:The Togaviridae and Flaviviridae, eds. S. Schlesinger and M.J. Schlesinger, pp. 279-326.
	QR		Rickinson et al., (1984) T-Cell-Mediated Regression of "Spontaneous" and of Epstein-Barr Virus-Induced B-Cell Transformation in Vitro: Studies with Cyclosporin A. Cell. Immunol., vol. 87, pp. 646-658.
	QS		Riddell et al., (1992) Restoration of Viral Immunity in Immunodeficient Human by the Adoptive Transfer of T Cell Clones. Science, vol. 257, pp. 238-241.
	QT		Riviere Y., Tanneau-Salvadori, F., Regnault, A., Lopez, O., Sansonetti, P., Guy, B., Kieny, M.-P., Fournel, J.-J., and Montagnier, L., "Human Immunodeficiency Virus-Specific Cytotoxic Responses of Seropositive Individuals: Distinct Types of Effector Cells Mediate Killing of Targets Expressing gag and env Proteins," J. Virol. 63, 2270-2277 (1989).
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	QW		Robbins et al., (1987) "The Pseudorabies Virus gII Gene Is Closely Related to the gB Glycoprotein Gene of Herpes Simplex Virus." J. Virol., vol. 61, pp. 2691-2701.
	QX		Rodriguez, D. et al. (1989) "Highly attenuated vaccinia virus mutants for the generation of safe recombinant viruses." Proc. Natl. Acad. Sci USA 86:1287-1291.
	QY		Roizman, B. and Sears, A., In Virology, eds. Fields, B. and Knipe, D., "Herpes Simplex Viruses and Their Replication," (Raven Press. Ltd) pp. 1795-1841 (1990).
	QZ		Rojko et al., (1982) "Reactivation of latent feline leukaemia virus infection." Nature, vol. 298, pp. 385-388.
	RA		Ronen et al., (1992) "Expression of wild-type and mutant p53 proteins by recombinant vaccinia viruses." Nucleic Acid Research, vol. 20, pp. 3435-3441.
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	RD		Rosenberg, (1992) "The Immunotherapy and Gene Therapy of Cancer," J. of Clinical Oncology, vol. 10, pp. 180-199.
	RE		Rosenthal et al., (1987) "Cells Expressing Herpes Simplex Virus Glycoprotein gC but Not gB, gD, or gE Are Recognized by Murine Virus-Specific Cytotoxic T Lymphocytes." J. Virol., vol. 61, pp. 2438-2447.
	RF		Rubenstein and Kaplan, (1975) "Electron Microscopic Studies of the DNA of Defective and Standard Pseudorabies Virions." Virology, vol. 66, pp. 385-392.
	RG		Ruby, J., A. Ramsey, G. Karupiah, & I. Ramshaw, "Recombinant Virus Vectors That Coexpress Cytokines- A New Vaccine Strategy," Vaccine Res. 1, 347-356 (1992).
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	RJ		Saiki et al., (1988) "Primer-Directed Enzymatic Amplification of DNA with a Thermostable DNA Polymerase." Science, vol. 239, pp. 487-491.
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	RL		Salter et al (1987) "Transgenic Chickens: Insertion of Retroviral Genes into the Chicken Germ Line." Virol. 157, 236-240.
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	RN		Sanchez-Pescador et al., (1985) "Nucleotide Sequence and Expression of an AIDS-Associated Retrovirus (ARV-2)." Science, vol. 227, pp. 484-492.
	RO		Sanger et al., (1977) "DNA sequencing with chain-terminating inhibitors." Proc. Natl. Acad. Sci., vol. 74, pp. 5463-5467.
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	RW		Schlesinger et al., (1985) "Protection Against 17D Tellow Fever Encephalitie in Mice by Passive Transfer of Monoclonal Antibodies to the Structural Glycoprotein gp48 and by Active Immunization with gp48." J. Immunol., vol. 135, pp. 2805-2809.
	RX		Schlesinger et al., (1986) "Protection against Yellow Fever in Monkeys by Immunization with Yellow Fever Virus Nonstructural Protein NS1." J. Virol., vol. 60, pp. 1153-1155.
	RY		Schlesinger et al., (1987) "Protection of Mice Against Dengue 2 Virus Encephalitis by Immunization with the Dengue 2 Virus Non-Structural Glycoprotein NS1." J. Gen. Virol., vol. 68, pp. 853-857.
	RZ		Schlicht and Schaller, (1989) "The Secretory Core Protein of Human Hepatitis B Virus Is Expressed on the Cell Surface." J. Virol., vol. 63, pp. 5399-5404.
	SA		Schmaljohn et al., (1987) "Hantaan Virus M RNA: Coding Strategy, Nucleotide Sequence, and Gene Order." Virology, vol. 157, pp. 31-39.
	SB		Schmaljohn et al., (1990) "Antigenic Subunits of Hantaan Virus Expressed by Baculovirus and Vaccinia Virus Recombinant." J. Virology, vol. 64, pp. 3162-3170.
	SC		Schmaljohn et al., "Coding Strategy of the S Genome Segment of Hantaan Virus," Virology 155, 633-643 (1986).
	SD		Schmaljohn, C. S., and Dalrymple, J. M., "Analysis of Hantaan Virus RNA: Evidence for a New Genus of Bunyaviridae," Virology 131, 482-491 (1983).
	SE		Schmaljohn, C. S., Sugiyama, K., Schmaljohn, A. L., and Bishop, D. H. L., "Baculovirus Expression of the Small Genome Segment of Hantaan Virus and Potential Use of the Expressed Nucleocapsid Protein as a Diagnostic Antigen," J. Gen. Virology 69, 777-786 (1988).
	SF		Schmidt and Stunnenberg, (1988) "Recombinant hydrophilic region of murine retroviral protein p15E inhibits stimulated T-lymphocyte proliferation." Proc. Natl. Acad. Sci., vol. 84, pp. 7290-7294.
	SG		Schmidtt, J. F. C. and H. G. Stunnenberg, "Sequence and Transcriptional Analysis of the Vaccinia Virus HindIII I Fragment," J. Virol. 62, 1889-1897 (1988).
	SH		Schwartz, (1992) "Costimulation of Lymphocytes: The Role of CD28, CTLA-4, and B7/BB1 in Interleukin-2 Production and Immunotherapy." Cell, vol. 71, pp. 1065-1068.
	SI		Sebring, R.W., Chu, H.-J., Chavez, L.G., Sandblom, D.S., Hustead, D.R., Dale, B., Wolf, D., Acree, W.M., "Feline leukemia virus vaccine development," JAVMA 199, 1413-1418 (1991).
	SJ		Seligmann, E.B., In Laboratory Techniques in Rabies, eds. M.M. Kaplan and H. Koprowski, "The NIH Test for Potency,"(World Helath Organization, Geneva) pp. 279-285 (1973).
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	SO		Shida, M., "Nucleotide Sequence of the Vaccinia Virus Hemagglutin Gene," Virology 150, 451-462 (1986).
	SP		Shimizu, Y., K. Hasumi, K. Masubuchi & Y. Okudaira, "Immunotherapy of tumor-bearing mice utilizing virus help," Cancer Immunol. 27, 223-227 (1988).
	SQ		Shimotohno et al. (1981) Formation of Infectious Progeny Virus after Insertion of Herpes Simplex Thymidine Kinase Gene into DNA of an Avian Retrovirus. Cell 26, 66-77.
	SR		Shioda and Shibuta, (1990) Production of Human Immunodeficiency Virus (HIV)-like Particles from Cells Infected with Recombinant Vaccinia Viruses Carrying the gag Gene of HIV. Virology, vol. 175, pp. 139-148.
	SS		Shope, (1980) Medical Significance of Togaviruses: An Overview of Diseases Caused by Togaviruses in Man and in Domestic and Wild Vertebrate Animals. In: The Togavirus, vol. ed. Schlesinger, pp. 47-82.
	ST		Slabaugh, M., Roseman, N., Davis, R., and C. Mathews, "Vaccinia Virus-Encoded Ribonucleotide Reductase: Sequence Conservation of the Gene for the Small Subunit and Its Amplification in Hydroxyurea-Resistant Mutants," J. Virol. 62, 519-527 (1988).

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	SV		Smiley, Nature 285 (1980) Construction in vitro and rescue of a thymidine kinease-deficient deletion mutation of herpes simplex virus. 333-335.
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	SY		Smith. G. C. et al., "Infectious vaccinia virus recombinants that express hepatitis B virus surface antigen," 7 Apr. 1983, Nature 302; 490-495.
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	TA		Southern, P. H. and P. Berg, "Transformation of Mammalian Cells to Antibiotic Resistance with a Bacterial Gene Under Control of the SV40 Early Region Promoter," J. Mol. Appl. Genet. 1, 327-341 (1982).
	TB		Spehner et al., (1988) A Cowpox Virus Gene Required for Multiplication in Chinese Hamster Ovary Cells. J. Virol., vol. 62, pp. 1297-1304.
	TC		Spehner et al., (1990) Construction of Fowlpox Virus Vectors with Intergenic Insertions: Expressions of the B-Galactosidase Gene and the Measles Virus Fusion Gene. J. Virol., vol. 64, pp. 527-533.
	TD		Stahl and Murray, (1989) Immunogenicity of peptide fusions to hepatitis B virus core antigen. Proc. Natl. Acad. Sci., vol. 86, pp. 6283-6287.
	TE		Stanberry et al., (1985) Thymidine Kinase-Deficient Herpes Simplex Virus Type 2 Genital Infection in Guinea Pigs. J. Virol., vol. 55, pp. 322-328.
	TF		Starcich et al., "Identification and Characterization of Conserved and Variable Regions in the Envelope Gene of HTLV-III/LAV, the Retrovirus of AIDS," Cell 45, 637-648 (1986).
	TG		Stevely, (1977) Inverted Repetition in the Chromosome of Pseudorabies Virus. J. Virol., vol. 22, pp. 232-234.
	TH		Stewart et al, (1986) Nucleotide Sequence of a Feline Leukemia Virus Subgroup A Envelope Gene and Long Terminal Repeat and evidence for the Recombinational Origin of Subgroup B Viruses. J. Virol., vol. 58, pp. 825-834.
	TI		Stuve, L.L., S. Brown-Shimer, C. Pachl, R. Najarian, D. Dina, and R.L. Burke, "Structure and Expression of the Herpes Simplex Virus Typ 2 Glycoprotein gB Gene," J. Virol. 61, 326-335 (1987).
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	TK		Tagaya, I., Kitamura, T., and Y. Sano, "A New Mutant of Dermovaccinia," Nature (London) 192, 381-382 (1961).
	TL		Tartaglia, J. et al. (906) "Live recombinant viral vaccines," in: Immunochemistry of Viruses, eds. M.H.V. van Regenwortel and A.R. Newrath, Elsevier Science Publishers B.V. pp. 125-151.
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	TN		Tartaglia, J., S. Pincus and E. Paoletti, "Poxvirus-Based Vectors as Vaccine Candidates," Critical Reviews in Immunology 10, 13-30 (1990).
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	TP		Taylor et al., (1988c). Protective immunity against avian influenza induced by a fowlpox virus recombinant. Vaccine, vol. 6, pp. 466-467.
	TQ		Taylor et al., (1990) Newcastle Disease Virus Fusion Protein Expressed in a Fowlpox Virus Recombinant Confers Protection in Chickens. J. Virol., vol. 64, pp. 1441-1450.
	TR		Taylor et al., (1991a) Comparison of the virulence of wild-type thymidine kinase (tk)-deficient and tk+ phenotypes of vaccinia virus recombinants after intranasal inoculation of mice. J. Gen. Virol., vol. 72, pp. 125-130.
	TS		Third Poxvirus-Iridovirus Workshop, Workshop Schedule at Cold Springs Habor, NY USA. Sep. 15-18, 1980
	TT		Thomson, G. R., Spooner, P. R., and Powell, D. G, "The outbreak of equine influenza in England: January 1976," Vet. Res. 100, 465-468 (1977).

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	TV		Toyoda et al., (1987) Structural Comparison of the Cleavage-Activation Site of the Fusion Glycoprotein between Virulent and Avirulent Strains of Newcastle Disease Virus.Virology, vol. 158, pp. 242-247.
	TW		Traversari et al., (1992) A Nonapeptide Encoded by Human Gene MAGE-1 Is Recognized on HLA-A1 by Cytolytic T Lymphocytes Directed against Tumor Antigen MZ2-E. J. Exp. Med., vol. 176, pp. 1453-1457.
	TX		Trinchieri, (1993) Interleukin-12 and its role in the generation of TH1 cells. Immunology Today, vol. 14, pp. 335-338.
	TY		Tsuchiya et al., (1970) Field Studies on Immunization of Swine Using Live Attenuated Japanese Encephalitis Vaccines. Virus, vol. 20, pp. 290-300.
	TZ		Turner and Moyer, (1990) The Molecular Pathogenesis of Poxviruses. In: Poxvirus, eds. Moyer and Turner, (Springer Verlag, NY) pp. 125-152.
	UA		Ueda, Y., S. Morikawa and Matsuura, "Identification and Nucleotide Sequenceof the Gene Encoding a Surface Antigen Induced by Vaccinia Virus," Virology 177, 588-594 (1990).
	UB		Ulrich et al., (1992) The p53 Tumor Suppresspr Protein, a Modulator of Cell Proliferation. J. Biol. Chem., vol. 267, pp. 15259-15262.
	UC		Valenzuela et al., (1979) Nucleotide sequence of the gene coding for the major protein of Hepatitis B virus surface antigen. Nature, vol. 280, pp. 815-819.
	UD		Valenzuela et al., (1985) Antigen Engineering in Yeast: Synthesis and Assemblyof Hybrid Hepatitis B Surface Antigen-Herpes Simplex 1 gD Particles. Bio/Technology, vol. 3, pp. 323-326.
	UE		Van der Bruggen and Van der Eynde, (1992) Molecular definition of tumor antigens recognized by T lymphocytes. Current Topics in Immun., vol. 4, pp. 608-612.
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	UG		Varma et al., (1974) Cell Lines from Larve of Ades (Stegomyia) Malayensis Colless and Ades (S) Pseudoscutellaris (Theobald) and their infrection with Some Arboviruses. Trans. R. Soc. Trop. Med. Hyg., vol. 68, pp. 374-382.
	UH		Vialard et al., (1990) Synthesis of the Membrane Fusion and Hemagglutinin Proteins of Measles Virus, Using a Novel Baculovirus Vector Containing the B-Galactosidase Gene. J. Virol., vol. 64, pp. 37-50.
	UI		Villarreal et al. (1977) Hybridization in sito of SV40 Plaques: Detection of Recombinant SV40 Virus Carrying Specific Sequences of Nonviral DNA. Science 196, 183-185.
	UJ		Vos, J. C. and Stunnenberg, H. G., "Derepression of a novel class of vaccinia virus genes upon DNA replication," EMBO J. 7, 3487-3492 (1988).
	UK		Wachsman , M., Aurelian, L., Smith, C., Lipinskas, B., Perkus, M. and Paoletti, E., "Protection of Guinea Pigs from Primary and Recurrent Herpes Simplex Virus (HSV) Type 2 Cutaneous Disease with Vaccinia Virus Recombinants Expressing HSV Glycoprotein D," J. Infect. Dis. 155, 1188-1197 (1987).
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	UN		Waddell et al., (1963) A New Influenza Virus Associated with Equine Respiratory Disease. JAVMA, vol. 143, pp. 587-590.
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	UR		Wallack et al., (1986) A Southeastern Cancer Study Group Phase I/II Trial with Vaccinia Melanoma Oncolysates. Cancer, vol. 57, pp. 649-655.
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	UU		Wathen and Wathen, (1984) Isolation, Characterization, and Physical Mapping of a Pseudorbies Virus Mutant Containing Antigenically Altered qp50. J. Virol., vol. 51, pp. 57-62.
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LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	APPLICANT PAOLETTI	
	FILING DATE May 4, 1992	GROUP 1813

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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	WM		Declaration of Dr. Moyer dated December 16, 1992
	WN		Declaration of Dr. Condit dated January 7, 1993
	WO		Declaration of Dr. Wittek dated January 6, 1993
	WP		Declaration of Dr. Drillen dated January 6, 1993
	WQ		Declaration of Dr. Hruby dated January 6, 1993

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	WR		Declaration of Dr. Binns
	WS		Wittek, R. "organization and Expression of the Poxvirus Genome, Experientia 38 (1982) pp285-410
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	XA		
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